



GRADUATE SCHOOL

GM0701 Advanced Microeconomic Theory, 7.5 credits

Avancerad Mikroteori, 7,5 högskolepoäng

Second Cycle

Confirmation

This course syllabus was confirmed by School of Business, Economics and Law on 2010-06-18 and was last revised on 2018-05-28 by Graduate School to be valid from 2018-09-03, autumn semester of 2018.

Field of education: Social Sciences 100%

Department: Graduate School

Position in the educational system

The course Advanced Microeconomic Theory, is a programme course included in the programmes Master of Science in Economics and the Master of Science in Finance at the Graduate School, School of Business, Economics and Law, University of Gothenburg.

Main field of studies

Economics

Specialization

A1N, Second cycle, has only first-cycle course/s as entry requirements

Entry requirements

To be eligible for the course Advanced Microeconomic Theory, the participant must fulfil the entrance qualifications for the Master of Science programmes in Economics or the Master of Science in Finance. Students admitted to and registered on the Masters Program in Mathematical Sciences at the University of Gothenburg are also eligible for the course.

Learning outcomes

By the end of the course, students should be able to know and critically analyse:

1. the central parts of the microeconomics theory and the fundamental approach of microeconomics analysis.
2. how different production technology properties influence the profit maximizing company's supply and demand of products.
3. the meaning and use of the dual model.
4. how the utility maximizing consumer's choices can be analyzed using consumer's preferences, for example by utility function to the consumer's demand, as well as showing the connections between utility maximization and expenditure minimization.
5. the problem of aggregation, for the aggregation of consumers and products, as well as knowing and understanding how different economic situations can be compared and what are the difficulties in that context.
6. and describe the central connections between equilibrium, efficiency and welfare in perfect competition.
7. how uncertainty and risk can be handled while analysing decision-making for consumers and companies.

Course content

The overall objective of the course is to give a close review of the fundamental microeconomics theory. Basically it is a question about how manufacturers and companies can be intended to act during different circumstances and the results of their acts. In the course, the profit maximizing producer, the utility maximizing consumer and their acts under conditions of perfect competition are examined, including decision-making under uncertainty. The connection between equilibrium and effectiveness under perfect competition will be emphasized. Furthermore, aggregation and general equilibrium issues will be explored in the course. Finally, an analysis of public goods and externalities will be undertaken along with a broader assessment of various market failures.

Form of teaching

Performance on a written final examination given at the conclusion of the course will determine 100% of the final course grade.

A student who has failed a test twice has the right to change examiner, unless weighty argument can be adduced. The request shall be sent to the Graduate School and has to be in writing.

The Graduate School is obliged to offer the exam at least five times during the course of each two year period. Students who have made five unsuccessful attempts to pass an exam have lost the possibility of obtaining the Master of Science Degree.

Language of instruction: English

Assessment

Grades

The grading scale comprises: Pass with Distinction (VG), Pass (G) and Fail (U). For Pass on the course, 50% of the total of the points that are possible to achieve will be needed. For Pass with Distinction, 75% of the total of the points that are possible to achieve will be needed.

Course evaluation

The course will be evaluated upon completion. The results of the evaluation will be communicated to the students and will function as a guide for the development of the course.

Additional information

The syllabus in English is the official binding document.